

# Comparisons of Job Characteristics

**Focus Occupation:** [Respiratory Therapy Technicians \(29-2054\)](#)

**Associated Occupation:** [Registered Nurses \(29-1111\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 83

**Focus Occupation:** Respiratory Therapy Technicians (29-2054)

**Associated Occupation:** Registered Nurses (29-1111)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Psychology	6.4	19.5	12.8	<<	Extensive education and/or training may be required
Customer and Personal Service	11.3	18.5	15.7	<	Expanded education and/or training may be required
Medicine and Dentistry	3.7	17.8	15.9	<	Expanded education and/or training may be required
Therapy and Counseling	3.8	16.2	8.8	<<	Extensive education and/or training may be required
Education and Training	9.2	14.7	11.4	<<	Extensive education and/or training may be required
Biology	3.7	13.3	10.3	<<	Extensive education and/or training may be required
Sociology and Anthropology	4.1	12.1	4.0	<<	Extensive education and/or training may be required
Chemistry	4.8	9.8	10.2	0	Current knowledge level may be sufficient
Philosophy and Theology	3.2	9.2	4.1	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 83

**Focus Occupation:** Respiratory Therapy Technicians (29-2054)

**Associated Occupation:** Registered Nurses (29-1111)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Social Perceptiveness	9.1	14.9	11.1	<<	Extensive development of skills in this area may be required

Monitoring	9.9	13.6	11.8	<	A higher skill level may be required
Service Orientation	7.9	12.7	10.8	<	A higher skill level may be required
Judgment and Decision Making	9.4	12.5	9.2	<<	Extensive development of skills in this area may be required
Active Learning	8.7	12.2	9.8	<	A higher skill level may be required
Coordination	9.1	12.2	10.5	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 95			
Focus Occupation: Respiratory Therapy Technicians (29-2054) Associated Occupation: Registered Nurses (29-1111)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Problem Sensitivity	11.1	17.3	13.3	<<	Extensive improvement in abilities may be required
Inductive Reasoning	10.2	15.3	11.4	<<	Extensive improvement in abilities may be required
Deductive Reasoning	10.6	14.0	11.2	<	Some improvement in abilities may be required
Speech Recognition	9.9	13.5	10.2	<<	Extensive improvement in abilities may be required
Information Ordering	9.9	12.8	10.3	<	Some improvement in abilities may be required
Flexibility of Closure	7.8	10.9	9.1	<	Some improvement in abilities may be required
Speed of Closure	5.9	9.5	8.2	<	Some improvement in abilities may be required
Memorization	5.6	8.1	6.6	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 93
Focus Occupation: Respiratory Therapy Technicians (29-2054) Associated Occupation: Registered Nurses (29-1111)		
Work Activities	Exclusivity of Activity	
Administer medications or treatments	46	
Collect clinical data	56	
Communicate technical information	4	
Follow infectious materials procedures	52	
Follow patient observation procedures	71	
Identify body response variations	57	

Inventory medical supplies or instruments	67
Lift or transport ill or injured patients	69
Maintain dental or medical records	64
Make presentations on health or medical issues	50
Monitor medical oxygen equipment	89
Prepare medical treatment room	82
Prepare patient reports	66
Prepare patients for tests, therapy, or treatments	70
Set up medical oxygen equipment	92
Set up patient care equipment	75
Take vital signs	56
Understand technical operating, service or repair manuals	6
Use interpersonal communication techniques	10
Use knowledge of medical terminology	40
Use sanitation practices in health care settings	48

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 85

**Focus Occupation: Respiratory Therapy Technicians (29-2054)**  
**Associated Occupation: Registered Nurses (29-1111)**

Tools and Technologies	Exclusivity
Airway management products	30
Autoclave and sterilizer equipment and accessories	12
Clinical and diagnostic analyzers and accessories and supplies	18
Computers	1
Content authoring and editing software	1
Diagnostic assessment and exam products for general use	21
Electrocardiography EKG units and related products	20
Industry specific software	1
Information exchange software	1
Intubation supplies	21
Medical ultrasound and doppler and echo imaging products	19
Oxygen therapy delivery systems and devices	13
Positive mechanical pressure ventilators and accessories	31
Pulmonary function testing and treatment products	24
Respiratory humidity and aerosol therapy products	31
Respiratory monitoring products	29
Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Syringes and accessories	14
Temperature and heat measuring instruments	6

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.